

BYKOVSKIY, Valeriy Fedorovich, letchik-kosmoravt SSSR, Geroy  
Sovetskogo Soyuza; NIKOLAYEVA-TERESHKOVA, Valentina  
Vladimirovna, letchik-kosmonavt SSSR, Geroy Sovetskogo  
Soyuza; KLEKHLOVSKAYA, A.S., red.; KAMANNI N.P.,  
general-leutenant aviatsii, red.

[Hello, universe!] Zdravstvui, vselennaya. Moskva, So-  
vetskaya Rossiya, 1964. 212 p. (MIRA 17:10)

IDAROV, A.N.; LISOGOR, M.M.; KAMELEV, A.M.; KOROVKIN, V.D.;  
KALASHNIKOV, N.A.; KREYL', F.E.; PETROV, V.V., kand.  
tekhn. nauk, nauchnyy red.; KHEKHLOVSKAYA, N.S., red.;  
KARASIK, N.P., tekhn. red.

[Manual for the rural motion-picture operator and mechanic]  
Spravochnaya kniga sel'skogo kinomekhanika. Moskva, Izd-vo  
"Sovetskaya Rossiya," 1961. 448 p. (MIRA 15:4)  
(Motion-picture theaters--Equipment and supplies)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721930008

REBROV, Mikhail Fedorovich; MEL'NIKOV, Nikolay Andreyevich, zhurnalist;  
KAMANINA, N.P., general-leytenant aviatsii Geroy  
Sovetskogo Soyuza, red.; KHEKHLOVSKAYA, N.S., red.

[Let us meet, outer space!] Dai ruku kosmos! Moskva, So-  
vetskaya Rossiya, 1965. 207 p. (MIRA 18:8)

... KHEKHEL'SKAYA U.

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19133

Author : Khekhel'skaya V.

Inst :

Title : Reactions of Amides of Nitrobenzoic Acids with Formaldehydes and Amines.

Orig Pub: Rocz. Chem., 1956, 30, No 1, 149-156.

Abstract: Amides of nitrobenzoic acids interact with  $\text{CH}_2\text{O}$  (I) in the presence of dialkylamines, forming N-hydroxymethylamides and N,N'-Methylenediamide. At the reaction of amides of nitrobenzoic acids with I and  $(\text{CH}_3)_2\text{N HCl}$  hydrochlorides of N-dimethylaminoamides of nitrobenzoic acids are obtained. 0.01 mole of amide m-nitrobenzoic acid (II), 0.016 mole 25% aqueous  $(\text{CH}_3)_2\text{NH}$  and 0.02 mole 37% of (I) in 25cc alcohol are heated on a water bath for 12 hours; N-hydroxymethylamide of m-nitrobenzoic acid

Card : 1/3

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POLAND/Organic Chemistry. Synthetic Organic Chemistry. CIA-RDP86-00513R000721930008

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19133

(III) is obtained, yield 56%, m.p. 138-140° (from alcohol). In carrying out the reaction in the presence of  $(\text{C}_2\text{H}_5)_2\text{NH}$  III is formed, yield 68%. Analogically were obtained: N-hydroxymethylamide of m-nitrobenzoic acid (reaction is carried out in an aqueous medium in the presence  $\text{K}_2\text{CO}_3$ , heating on a water bath 65 min.), yield 94%, m.p. 136-139° (from alc.); N-hydroxymethylamide of nitrobenzoic acid (heating 5 hours) yield 45%, m.p. 52-134° (from alcohol). N,N'-methylenediamide of m-nitrobenzoic acid is obtained with a yield 87% from 0.01 mole II and 0.02 mole I in an 85%  $\text{H}_2\text{SO}_4$  medium at 25-30°, m.p. 254-255.5° (from alc.). Analogically are obtained: N, N'-methylenediamide of m-nitrobenzoic acid m.p. 226-228° (from alc.), and N,N'-methylenediamide of o-nitrobenzoic acid m.p. 255-257° (a small amount of N-hydroxymethyl-N, N'-methylenediamide of o-nitrobenzoic acid, m.p. 172-

Card : 2/3

KHEKHLIOVSKAYA, N.S., red.; AVDEYEVA, V.A., tokhn. red.

[Diary of astronaut K.] Dnevnik letchika-kosmonavta K.  
Moskva, Sovetskaja Rossiia, 1963. 76 p.

(MIRA 17:1)

(Space flight training)

KHEKHLOVSKIY, A.

new techniques used in assembling watches. Izobr. i rats. no.10:  
20-21 0 '58.

(MIRA 11:11)

(Clockmaking and watchmaking)

KHEKH'OVSKIY, A.

Deserving respect. Izobr.1 rats, no.10:18-19 0 '59.

(MIRA 13:2)

(Zaporozh's--Electric transformers)

USSR/Human and Animal Physiology. Nervous System. Higher  
Nervous Activity. Behavior.

T-10

Abs Jour: Ref Zhur-Diol., No 12, 1958, 56032.

Author : Khekht, K

Inst : Academy of Sciences USSR

Title : Closing Mechanism of Conditioned Reflexes of the  
Second Order.

Orig Pub: Dokl. AN SSSR, 1957, 113, No 6, 1383-1386.

Abstract: In eighteen 4-8 months old rats two conditioned motor  
reflexes (CR) were developed by using food reinforce-  
ments (1 ml of a 20 percent glucose solution). Sub-  
sequently, differentiation was effected, and a de-  
velopment of the second order CR was initiated, be-  
ginning with the 31st test. After the secondary CR

Card : 1/3

KHEKMAT, A. R.

Dissertation defended for the degree of Candidate of Philological Sciences at the  
Institute of the Peoples of Asia

"Sources of Revolutionary Poetry of Iran (Creative Works of Ibn Yamin)."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145



KHEL, Richard

CZECHOSLOVAKIA

Grad. philologist

National Museum, Prague

Prague, Prakticky Lekar, No. 18, 1962, pp 803-804

"Contribution to the History of Occupational Diseases"

ly KIMEL, R.,

CZECHOSLOVAKIA

KIMEL, R., Prom. Philologist

People's Museum (Narodni museum), Prague

Prague, Prakticky lekar, No 13-14, 1963, pp 554-

"Medical Interest in Occupational Diseases of the Past."

CZECHOSLOVAKIA

KIDEL, R.

People's Museum (Narodni muzeum), Prague

Bratislava, Lekarsky obzor, No 9, 1963, pp 565-568

"On the History of Health Care in Slovakia in the Second Half of the 17th Century (In the Light of the French Periodical "Journal des Savants" of the Year 1680)."

KHELADZE, I.Ye.

Use of the principle of vertical zonality in dividing mountain countries into hydrogeological regions. Trudy Lab.gidrogeol.probl. 16:240-244 '58.  
(MIRA 12:2)

1. Tbilisakiy institut inzhenerov zheleznno-dorozhnogo transporta.  
(Caucasus--Water, Underground)

KHBLADZE, I.Ye.

Prospects for water supply in the territory of the Transcaucasian Railroad and its large industrial centers.

Trudy GPI [Gruz.] no.5:117-122 '61.

(MIRA 15:12)

(Transcaucasia—Water supply)



*KHELADZE, V.S.*

USSR/Plant Diseases - Diseases of Cultivated Plants.

0-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30258

Author : Kheladze, V.S.

Inst : -

Title : Fig Canker.

Orig Pub : Zashchita rast. ot vredit. i bolezney, 1957, No 5, 35-36

Abstract : The disease is described which is spread throughout the Georgian SSR and is caused by *Phomopsis cinerescens* (Sacc.) Trav.

Card 1/1

- 19 -

KHELADZE, V.S.; MATINYAN, A.B.

Experiment in treating seeds with trace elements before seeding.  
Biol. Lav. bot. sada no. 36:103-104 '60. (MIRA 13:7)

1. Botanicheskiy sad Akademii nauk Gruzinskoy SSSR, Batumi.  
(Germination) (Trace elements)

REKK, G.F.; KHELADZE, V.S.

Tetranychus mites recorded in the Batum Botanical Garden. Biul.  
Glav. bot. sada no. 38:82-83 '60. (MIRA 14:5)

1. Botanicheskiy sad AN Gruzinskoy SSR, Batumi.  
(Batumi-Mites)

KHELADZE, V.S.

New mites in the fauna of the U.S.S.R. Biul. Glav. bot. sada  
no. 38:84 '64). (MIRA 14:5)

1. Botanicheskiy sad AN Gruzinskoy SSR, Batumi.  
(Mitos)

KHELADZE, V.S.

Some data on the pests of decorative plants of the Batum Botanical  
Garden. Izv. Bat. bot. sada no.11:81-90 '62. (MIRA 16:6)  
(Batum--Plants, Ornamental--Diseases and pests)  
(Insects, Injurious and beneficial)

KHELADZE, V.S., kand. sel'skokhoz. nauk

Lilioceria lili1, Zashch. rast. ot vred. i bol. 9 no.12;34 '64.  
(MIRA 18:4)

U. 10260-57 P(1)  
AP7005096

SOURCE CODE: Un/0551/66/01,2/003/0555/0562

Author: Shchegolev, A. A.

Org: Tbilisi State University (Tbilisskiy gosudarstvennyy universitet)

TITLE: Analytical properties and asymptotic behavior of multichannel, quasipotential scattering; amplitude

SOURCE: AN GrunSSR. Soobshcheniya, v. 42, no. 3, 1966, 555-562

TOPIC TAGS: scattering amplitude, asymptotic property

ABSTRACT: The analytical properties of partial amplitudes for quasipotential scattering are studied. This study is based on a quasipotential method, proposed earlier, which conveniently describes the scattering amplitude and spectrum of coupled states of two identical particles. This method has been extended to two different scalar particles. The equations derived lead to correct values of scattering amplitude on energy surfaces. It is assumed that the interaction radius is identical in all channels.

A system of equations is derived for the partial amplitudes and their analytical properties. The asymptotic behavior of the amplitudes when  $|c| \rightarrow \infty$  and the relation between the cross sections in different channels are studied. Orig. art. has: 4 formulas. [JPRS: 38,168]

SUB CODE: 20 / SUBM DATE: 16Jul65 / ORIG REF: 003 / OTH REF: 003

Card 1/1

KHELASHVILI, A.I., ordinator

Labyrinthectomy in tympanogenic labyrinthitis. Vestn. otorinolaring. 25 no.3:42-46 '63  
(MIRA 17:1)

1. Iz kliniki bolezney ukha, gorla i nosa ( zav. - prof. S.N. Khechinashvili) Tbilisskogo instituta usovershenstvovaniya vrachey.

ACC NR 107003084

SOURCE CODE: UR/0251/66/043/003/0691/0693

AUTHOR: Gaprindashvili, I. I.; Kholaya, L. T.

ORG: Institute of Cybernetics, AN GruzSSR, Tbilisi (Institut Kibernetiki, AN GruzSSR)

TITLE: Luminescing optical fiber for CRT screens

SOURCE: AN GruzSSR. Soobshcheniya, v. 43, no. 3, 1966, 691-693

TOPIC TAGS: luminescent material, luminophor, fiber optics

ABSTRACT: The production of CRT screens from luminescent fibers, a new area in fiber optics, eliminates the process and the problem of application of the luminophor to the screen of a CRT. The authors of this article use luminescent glass in the form of silicate glass plus an activator of trivalent cerium. The cerium content varies from 0.8 to 6%. The absorption spectra of the fiber plates were measured on a spectrophotometer, using samples 0.11mm thick. These plates have absorption in the 270-340 mu band with a maximum at 313 mu. The luminescence maximum was found to be in the wave length area 420-425 mu. The illumination is blue in color. This paper was presented by corresponding member Academician AN GruzSSR N. V. Gabashvili on 14 October 1965. Orig. art. has: 1 table. [JPRS: 38,836]

Card 1/1 SUB CODE: 20 / SUBM DATE: 14Oct65 / ORIG REF: 003

0925 2055

KHEL'BEN, P. I.

KHEL'BEN, P.I.

Wound of the right ventricle of the heart. Khirurgiia no.5:71  
My '54. (MLRA 7:7)

1. Iz Kuybyshevskoy gorodskoy tsentral'noy bol'nitsy imeni N.I.  
Pirogova.  
(HEART, wounds and injuries,  
"right ventricle)  
(WOUNDS AND INJURIES,  
"heart, right ventricle)

KHEL'BEN, P.I.

The question of surgical diseases where the caecum is located on the left side. Khirurgiia 32 no.2:74 F '56. (MIRA 9:7)

1. Iz Stavropol'skoy gorodskoy bol'nitsy (glavnyy vrach R.M. Levitskiy)

(APPENDIX (ANATOMY)) (INTESTINES--SURGERY)

~~REDACTED~~, P.P.

Combined cardiac and intestinal wound. Khirurgia 35 no.1:129  
Ja '59. (MIRA 12:2)

1. Iz khirurgicheskogo otdeleniya (sav. P.I. Khel'ben) mediko-  
sanitarnoy chasti Kuybyshevskogo neftepererabatyvayushchego za-  
voda.

(HEART, wds. & inj.  
cardio-intestinal (Rus))  
(INTESTINES, wds & inj.  
same)

KHEL' BEN, P.I.

Our experience in the treatment of thermal burns. Khirurgiia 36  
no. 5:85-87 My '60. (MIRA 14:1)

(BURNS AND SCALDS)

*KHELBICH, R.*

PHASE I BOOK EXPLOITATION

SOV/5975

International Institute of Welding

XII kongress Mezhdunarodnogo instituta svardi, 29 iyunya - 5 iyulya 1959 v g.  
Opatiti (Twelfth Annual Assembly of the International Institute of Welding,  
Opatiti, June 29 - July 6, 1959) Moscow, Mashgiz, 1961. 350 p. 3000  
copies printed.

Sponsoring Agency: Natsional'nyy komitet SSSR po svarke.

Ed. (Title page): G. A. Maslov, Docent; Translated from English, French,  
and Serbo-Croatian by N. S. Aborenkova, K. N. Belyayev, E. P. Bogacheva,  
L. A. Borisova, K. V. Zvegintseva, V. S. Minavichev, and M. M. Shelechnik;  
Managing Ed. for Literature on the Hot-Working of Metals: S. Ya. Golovin,  
Engineer.

PURPOSE: This collection of articles is intended for welding specialists and  
the technical personnel of various production and repair shops.

Card 1/3

Twelfth Annual Assembly (Cont.)

SOV/5975

**COVERAGE:** The collection contains abridged reports presented and discussed at the Twelfth Annual Assembly of the International Institute of Welding. Reports deal with problems of welding and related processes used in repair work, repair techniques, and the problems arising in connection with the nature of the base and filler materials. Examples of repairing various parts are given, and the organization of repair operations in workshops and under field conditions is discussed. Economic aspects of welding and related processes as used in repair work are analyzed. No personalities are mentioned. There are no references.

**TABLE OF CONTENTS:** [Only Soviet and Soviet-bloc reports are given here]

Foreword

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**PART I. THE STUDY OF REPAIR-WORK TECHNIQUES  
(PROCESSES, METHODS, PREPARATION, HEATING, AND  
OTHER TYPES OF PROCESSING CONTROL)**

Myuntner, L. (Czechoslovakia). Welding of Broken Crankshafts

36

Card 2/9

Twelfth Annual Assembly (Cont.)

SOV/5975

Khel'bich, R. (Czechoslovakia). Repairing High-Pressure  
Reactors and Regenerators by Welding

297

Mokanu, R., I. Antonesku, and K. Freud (Rumania). Examples  
of Welding Jobs Involved in the Repair Work at Rumanian Railroads

311

PART IV. ORGANIZATION OF REPAIR AND MAINTENANCE OF  
EQUIPMENT AND METAL STRUCTURES AT WORKSHOPS AND UNDER  
FIELD CONDITIONS AS CARRIED OUT IN VARIOUS BRANCHES OF INDUSTRY

[Part IV contains no Soviet or Soviet-bloc reports]

PART V. ECONOMIC ASPECTS OF USING WELDING AND RELATED  
PROCESSES IN REPAIR WORK

[Part V contains no Soviet or Soviet-bloc reports]

Card 6/9

KHELEMENDIK, M.D. (Dneprodzershinsk, ul.Gor'kogo,d.85)

Use of the omentum in tamponing perforated gastroduodenal ulcers.  
Klin.khir. no.5:82-83 My '62. (MIRA 16:4)

1. 1-ye khirurgicheskoye otdeleniye (zav. - V.I.Ryazantsev)  
meditsinskoy sanitarnoy chasti metallurgicheskogo zavoda imeni  
F.E.Dzerzhinskogo, Dneprodzerzhinsk.  
(ALIMENTARY CANAL--ULCERS)

KHELEMENDIK, M.D. (Dneprodzershinsk)

Organization of aid in injuries in the F.E.Dzerzhinskii  
Metallurgical Plant. Sovet. zdravookhr. 5:54 '63

(MIRA 17:2)

1. Iz mediko-sanitarnoy chasti zavoda imeni F.E. Dzerzhinskogo.

KHELEMENDIK. M.D.

Health propaganda and reduction of morbidity at the Dzerzhinskii Metallurgical Plant. Sov. zdrav. 22 no.7:31 '63 (MIRA 16:12)

1. Iz mediko-sanitarnoy chasti zavoda imeni F.E.Dzerzhinskogo (nachal'nik M.D.Khelemendik) 9-y Gorodskoy bol'nitsy (glavnyy vrach V.I. Ryazantsev).

KHELEMENDIK, M.D. (Dnepropetrovskaya oblast', g. Dneprodzerzhinsk,  
ul. Gor'kogo, d.95)

Perforation of a consticted appendix. Vest.khir. no.8:99-100  
'61. (MIRA 15:3)

1. Iz 1-go khirurgicheskogo otdeleniya (zav. - V.I. Ryazantsev)  
9-y gorodskoy bol'nitsy (gl. vrach - V.S. Gagarinov) g. Dnepro-  
dzerzhinska.

(APPENDICITIS)

KAMINSKIY, I.N., kand. ekonom. nauk; LABKOVSKIY, B.Ye., kand. ekonom. nauk; FETEROVICH, I.I., kand. tekhn. nauk; PINSKIY, S.Ye., inzh.; TYURKINA, N.I., inzh.; KHODOS, G.I., inzh.; KHELEMENDIK, V.G., inzh.; LERNER, Yu.I., inzh.

Problem of a standard structure of management, standard staffs, and norms on the number of engineers, technicians and employees in coal mines. Ugol' 40 no.8:60-65 Ag '65.

(MIRA 18:8)

1. Institut gornogo dela im. A.A. Skochinskogo (for all except Khodos, Khelemendik, Lerner). 2. Donetskii nauchno-issledovatel'skiy ugol'nyy institut (for Khodos, Khelemendik). 3. Gosudarstvennyy institut po proyektirovaniyu shakht v yuzhnykh rayonakh SSSR (for Lerner).

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**CIA-RDP86-00513R000721930008-1"**

KHELIMSKIY, A.M. (Cheboksary)

Causes of mistakes in pathoanatomical diagnosis. Vrach.delo  
no.2:199-200 F '60. (MIRA 13:6)

1. Respublikanskaya bol'nitsa Ministerstva zdravookhraneniya  
Chuvashskoy ASSR.

(ANATOMY, PATHOLOGICAL)

KHELEMSKIY, A.M.

Materials and designs of insulating coverings for sugar beet piles.  
Sakh.prom. 37 no.6:60-64 Je '63. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy  
promyshlennosti.

(Sugar beets—Storage)

KUDRYASHOV, N.T., inzh.; KHELEMSKIY, A.M., inzh.

Cooling of sugar beets in fursface silos by means of water  
spraying and ventilation. Khol.tekh. 40 no.2:40-45 Mr-Ap '63.

(MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy  
promyshlennosti.

(Sugar beets--Storage)

LIFANOV, B.V.; KHELEMSKIY, A.M.

Foam concrete and mineral cork insulation shields for refrigerators.  
Khol. tekhn. 42 no.4:48-50 J1-Ag '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy  
promyshlennosti.

KHELEMSKIY, A.M.

[Insulating coverings for the storage of sugar beets]  
Izoliatsionnye ograzhdeniia dlia khraneniia sakharnoi  
svekly. Moskva, TSentr. in-t nauchno-tekhn. informatsii  
pishchevoi promyshl., 1963. 43 p. (MIRA 17:9)

KHELIMSKIY, A.M. (Semipalatinsk)

Age-related changes in the dimensions of the adrenal cortex.  
Ark. pat. no.12:35-38 '63. (MIPA 17:11)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. D.M. Taranov)  
Semipalatinskogo meditsinskogo instituta.

KHELIMSKIY, A.M. (Semipalatinsk)

Contemporary concepts of the function of the epiphysis. Probl.  
endok. i gorm. 10 no.1:117-122. Ja-F '64.

(MIRA 17:10)

1. Morfologicheskiy otdel (zav. - prof. Ye.I. Tarakanov) Vsesoyuz-  
nogo instituta eksperimental'noy endokrinologii (dir. - prof. Ye.  
A. Vasyukova) i Semipalatinskogo meditsinskogo instituta.

KHELEMSKIY, A.Ya.

Algebras of nilpotent operators and categories related  
to them. Vest. Mosk. un. Ser. 1: Mat., mekh. 18 no.4:49-55  
Jl-Ag '63. (MIRA 16:8)

1. Kafedra teorii funktsiy i funktsional'nogo analiza  
Moskovskogo universiteta.

KHELEMSKIY, A.Ya.

Commutative normed rings with a finite-dimensional radical. Vest.  
Mosk. un. Ser. 1: Mat., mekh. 19 no.6:7-17 N-D '64.

(MIRA 18:2)

1. Kafedra teorii funktsiy i funktsional'nogo analiza Moskovskogo  
universiteta.

KHELEMSKIY, A. Ya.

Description of annihilator commutative Banach algebras. Dokl.  
AN SSSR 157 no.1:60-62 J1 '64 (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.  
Predstavleno akademikom P.S. Novikovym.

KHELE...

nilpotent extensions of commutative Banach algebras,  
Izv. AN SSSR, Ser. mat. 29 no.4 1945-956 165.

(MIRA 18.9)

KHELEMSKIY, A.Y., KHENKIN, G.M.

Imbedding of compacts into ellipsoids. Vest. Mosk. un. Ser. 1:  
Mat., mekh. 18 no.2:3-12 Mr-Apr '63. (MIRA 16:6)

1. Kafedra teorii funktsiy i funktsional'nogo analiza Moskovskogo  
universiteta.

(Hilbert space) (Topology)

KUELEMSKI, I. Z.		PROCESSING AND PREPARATION	
Experiments of the 200 days sugar manufacture during the campaign of 1931-32.			
I. B. MINTZ, I. Z. KUELEMSKI, I. I. SOKOLNIKOV AND V. F. OREL. Nauk. Zapiski Tashkent Prom. 23, 1-42(1932).—Expts. at the sugar factory "Yuzovskiy" under very unsatisfactory conditions proved that the manuf. of sugar from fresh raw beets for 100 days was quite possible and efficient. The processes at the different stations are the same as during a regular short campaign. Normal filtration, loading and centrifuging with av. losses in diffusion and filter processes are good indicators of normal manuf. The white sugar obtained was of a good quality with color below one Skammer unit. At the end of the mfg. season, there were some losses of sugar in stored beets and a purity decrease with increased Ca salts. The relative content of noxious N slightly increases. The final molasses and yellow sugar have an alk. reaction. When stored beets are soaked, it is necessary to observe the following precautions: keep transport water at low temp.; spray the beets before slicing with the milk of lime; maintain the temp. at the diffusion battery not higher than 75°, defecate with 0.25% of CaO in measuring tanks and add the rest of the lime in the defecators at a temp. not below 75°, the total amt. of lime should not exceed 3%, and the normal alky. after first carbonation should be kept at 0.07-0.08 and decrease only in case of difficult filtration.			
V. E. BAIRDOV			
ASH-31-A METALLURGICAL LITERATURE CLASSIFICATION			
STUDY NO. 2219			
AUTHOR'S NAME			
TITLED BY ONE JOE			
SYNOPSIS			
STUDY NO. 2219			

LEVENKO, Petr Ivanovich; KHELEMSKIY, Moisey Aizikovich; ZAKHAROV, M.P.,  
retsepsent; GRACHEV, A.V., red.; SHAPENKOVA, T.A., tekhn.  
red.

[New technological processes in leather manufacture] Novye  
tekhnologicheskie protsessy v kozhevennom proizvodstve. Mo-  
skva, Rostekhzdat, 1963. 159 p. (MIRA 16:9)  
(Leather industry)

HELEMSZKIJ, M.S. [Khelemskiy, M.Sh.] prof.; TOTH ZSIGA, Istvan [translator]

Sugar beet storage; theoretical principles and technique  
of long-lasting beet storage in the Soviet Union. Cukor 12  
no.10:273-279 0 '59.

1. Kievi Cukoripari Kutatointezet.

100 AND 200 SERIES

PROCESSING AND PREPARATION INDEX

28

Distribution of sugar in the test. D. A. HERTZEL AND M. Z. KUELMER. V. H. BARKER.

Neub. Zepherus Pambrovi Prom. 9, 110-32(1930).

ASB SEA METALLURGICAL LITERATURE CLASSIFICATION

100 AND 200 SERIES

CA 28

Preservation of sugar-factory juices. I. B. MINIZ AND M. Z. KHAMLMAN. *Nash Zapiski Tashkent Prom.* 20, 21-8 (1932).—Preservation of beet juice instead of dry beets is more advantageous. Diffusion juice mixed with milk of lime can be preserved for more than 100 days. M. and K. studied different concretes for construction of a reservoir to resist the chem. action of beet juice. V. E. BAIKOV

ASAC 11A METALLURGICAL LITERATURE CLASSIFICATION

PROCESS AND PROPERTIES INDEX	
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Colloids of sugar beets during prolonged storage and manufacture. M. Z. KUBLEN-  
 SKILL AND R. P. KIMMERMAN. *Nauk. Zapiski Tsvetov. Prom.* 31 2, 81-88 (1932).  
 From expts. on normal and diffusion juices it was impossible to det. any const. relation  
 between amt. of colloids and H-ion concn., viscosity, surface tension, reducing substances  
 or purity of juices. From December to April there is a continuous increase of colloids  
 in diffusion juice, on an av. of 60% above the original amt. The amt. of colloids was  
 detd. by means of ultra-filtration. V. E. BAIKOV

ASB-ELA METALLURGICAL LITERATURE CLASSIFICATION

117 AND 120 (PAGES) PROCESSES AND PROPERTIES INDEX 121 AND 124 (PAGES)

CA 78

Electrometric determination of ash in sugar-beet products. M. Z. Kuznetsov. *Nauka, Sapskhi Tashkent Prom. 23, 85-85(1012)*. The method of ignition can be successfully replaced by an electrometric method with the app. of Tódt (C. A. 26, 4900). The results are sufficiently accurate in detn. of sol. ash. The app. and the method of manipulation are described. V. E. BAIKOV

ASW.SLA METALLURGICAL LITERATURE CLASSIFICATION

121 AND 124 (PAGES)

1ST AND 2ND ORDERS																										1ST AND 2ND ORDERS																									
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<p><i>28</i></p> <p>Experiments on preserving and concentration of diffusion juices with application to manufacture on a large scale. <i>M. Z. Khlebnikov, I. I. Sholkhet and I. K. Glukhovskii. Sankt. Petersburgsk. Prom. 10, No. 30, 1-13(1933); cf. G. A. 28, 4263.</i>—Diffusion juice of 87.3 purity treated for 10 min. with 2% lime was pumped into a reservoir. To protect the juice from the air a 10-mm. layer of Oleonapht was poured on the surface. From Nov. until March samples taken every 8-10 days from different levels of the tank showed no change. At the end of this period the diffusion juice was run through preheaters, being reheated to 65-70°, and then to the defecators where milk of lime was added to obtain an alk. of 1.7-2.0. The defecated juice was pumped to first carbonation, whence the regular practice was followed. Filtration was easy, the thin and thick juices did not foam and the white sugar had a color in Stammer units of 0.8-1.0. Parallel to this expt. the diffusion juice, concd. to 30° Brix, was previously treated with lime to slightly alk. reaction. For better preservation milk of lime to an alk. of 0.6-0.8 was added to the concd. diffusion juices. To the thick juice at the temp. of 65-70° was added milk of lime to an alk. of 3.0-3.7 and the thick juice was carbonated to an alk. of 0.07; then the juice was reheated to 80-85° and filtered. The filtration through filter-presses was rather difficult. The filtered thick juice was carbonated a second time to an alk. of 0.02-0.015 and after double filtration was evapd. and boiled. The color of the sugar was 1.3 Stammer units. Tables of analyses are given.</p> <p>V. E. Baitow</p>																																																			

BC

B-III-2

Preserving concentrated beet-diffusion juice.  
M. Z. Krasnov et al. (Nauk. Zapiski, 1933, 10, 61-73).  
Beet-diffusion juice conc. to a density of 25-30° Brix  
after liming was found to keep satisfactorily sufficiently  
long to enable the factory to prolong its usual working  
campaign, and calculations show that the added expense  
of the partial concn. is not necessarily prohibitive.  
J. P. O.

ASB. S. A. METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

28

Influence of different factors on the storage of sugar beets. I. B. Mintz, M. Z. Khejenski and S. I. Sigal. *Nauk. Zapiski Tashkent Prom.* 10, No. 28, 133-9 (1933).  
 The duration of 3 years' investigation of storing sugar beets for long periods. It is advisable to put the beets in piles as soon as they are dug and the time of keeping in piles must be shortened as much as possible. The piles must not be very large and if lengthy storing is expected they must be covered with grass mats and earth. Disinfect the beets with slaked lime, milk of lime or filter-press mud. Avoid frequent opening of piles and watch the temp. inside of the piles carefully. Only healthy and ripe beets should be stored.  
 V. H. Baitow

ASIA SLA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

*KHELEMSKIY, M.*

*28*

180 utilization of beet pulp as food. M. Khelemskiy and I. Katrenko. *Nash. Zapiski Tsekhovoi Prom. 10, No. 30, 31, 127-30 (1933).* Chem., confectionery and nutrition tests showed that addn. of beet pulps instead of pumpkin paste for cheap-quality jam does not affect its chem. compn., caloric and nutrition value or taste. The compn. of such a product is: sugar 47.1, beet pulp 33.3, berry paste 5.0 and apple paste 11.7%. V. B. Baikov.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSING AND PROPERTIES INDEX																																																			
<div style="display: flex; justify-content: space-between;"> <span>ca</span> <span>28</span> </div> <p>Changes in preserved sugar juices during storage.  M. Z. Khelemakul and I. I. Sholubet. <i>Nauch. Zapiski  Sibirsk. Prom.-Akad. 14</i>(1934); cf. C. A. 30, 3307.  Heart-diffusion juice treated with CaO to an alk. not less  than 0.5% CaO and covered with a layer of mineral oil  lost its sugar content at the rate of 0.0012-0.0017% per  day. Heating the juice at the time of liming is not neces-  sary, nor need the ppt. be removed. B. C. A.</p>																																																			
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Co 28

Study of conditions for preserving diffusion juice.  
M. Z. Khelevskii, I. I. Shakhmet and I. R. Glukhovskii.  
Nauka-Zhurnal-Sobremennost. 11, Book 49, No. 11,  
47-57 (1934).--Lab. expts. on preservation of diffusion  
juices showed that the losses of sugar are 0.001-0.0015%  
per day, the color of the juice slowly increases and Ca  
salts accumulate in juices of the second carbonation. For  
better preservation the alk. of a filtered, deaerated juice  
should be 0.6-0.8%. The best method for treating juices  
is ordinary hot deaeration and double carbonation.  
V. R. Baikov

ASS-55.4 METALLURGICAL LITERATURE CLASSIFICATION

101 AND 102 COPIES

PROCESSES AND PROPERTIES INDEX

103 AND 104 COPIES

28

Variation in the constituents of beets on prolonged storage. M. Z. Khelenskiĭ and S. I. Sigal. *Vopr. Nauch.-Industriial. Fizik. Sakharov. Prom., Khim. i Tekhn. Vostoĭ Nauch.-Industriial. Rabot V. N. I. S. S. S. R.* 1936. 102 4:1007; *Khimiĭ i Industriĭa* 42, 546. Lab. tests showed that when beets are stored under proper conditions, factors such as increase in the amt. of harmful N and of ind. pectic substances, and also regrouping of mono-saccharides, increase in the colloid content, etc., are not of sufficient magnitude to interfere with normal technological operations. A. Paphneva-Couture

ASD-514 METALLURGICAL LITERATURE CLASSIFICATION

101 AND 102 COPIES

103 AND 104 COPIES

137 AND 138 (1961) PROCESSING AND PROPERTIES INDEX

28

EXperiments on preserving diffusion juices on a yearly basis at the Dzerzhinskii sugar factory. M. Z. Khelemakii and I. I. Shokhet. *Nauch. Zapiski Sakharnoi Prom.,* Tech. Ser., 13, 385-90 (1956).—The losses of sugar in a beet-sugar factory mfg. sugar from freshly sliced beets are 2.32% on the wt. of beets, 0.28% lost in diffusion, 0.13% in filter-press mud, 1.64% in final molasses and 0.27% undetd. When diffusion juice was preserved for 180 days, the total losses were to 2.88%. It was found that the lower layers of preserved diffusion juices were absolutely normal while the upper ones had deteriorated. Juices were preserved for a period of 222 days in good condition with daily losses on the wt. of juice of 0.0015%.

V. K. Baikov

ASB-51.0 METALLURGICAL LITERATURE CLASSIFICATION

137 AND 138 (1961)

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1st and 2nd copies

25

Alc-ann drying of sugar beets in Central Asia. M. Z. Khlebnikov and A. K. Kartashev. *Pishchovye Prom.* 1948, No. 2/4, 41-7.—A review of the factors affecting the outdoor drying of sugar beets with suggestions for further research and development work. S. Gottlieb

ASIA SLA METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND CODES										100 AND 4TH CODES									
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<p>ca</p> <p>2</p> <p>Root-rot cultivation and the sugar industry in the east (of Russia). M. Z. Khejinski. <i>Prishkreni Prom.</i> 1949, No. 1, 3-6. It stresses the importance of the sugar-producing potential of the eastern regions of Russia in view of the destruction of the Ukrainian facilities. This forest, to be a minimum of 1 million tons per year. The present lack of factories for the production of cryst. sugar need not prevent the development of the industry in these areas since there are many uses for the raw or dried sugar beet. The most economical methods of drying beets for regions with different climates are described. Eugene Roberts</p>																			
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21

I. W. Zilman  
 A new method for cleaning sugar beets. M. Z. Khol  
*Tr. Khark. gos. univ.*, 1945, No. 3, 122-123. ~~1945~~  
 are cut at the extreme end and well down toward the tip,  
 instead of with a flat or tapered cut at the stem end. Beets  
 cleaned in this form yield slices with 0.15-0.3% less sugar  
 (based on beet wt.). Syrup yield is increased 0.3-0.5%  
 but final sugar yield is 0.25-0.5% less than with the tapered  
 top cut. The new cut more than compensates this loss by  
 improved keeping quality and consequent simplification  
 in handling. Tabulated data show sugar content, juice  
 quality, and color, Ca content of lined juice, invert sugar  
 content, total and sol. Non-solids, total and sol. pulp, ash  
 content and ash analysis for tapered-cut beets and their  
 cuttings. Julian P. Smith

AND SEA METALLURGICAL LITERATURE CLASSIFICATION

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 PROCESSES AND PROPERTIES MODS

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 PROCESSES AND PROPERTIES MODS

CA

28

Continuously operating juice extraction plants in the German sugar industry. M. Z. Kholmikil. *Sukhar-naya Prom.* 20, No. 3, 40-2 (1947); *Chem. Zvest.* 1947, 1, 1040. -A no. of plants employing different processes of continuous extr. are described. M. G. Moore

ASD-ILA METALLURGICAL LITERATURE CLASSIFICATION

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СВЕТЛОСТЕПАНОВ, И.С. - ПЛЕШКО, Я.Е.

Beets and Beet Sugar

Determination of sucrose on long stored sugar beets. Sakh. prom. 26. No.3, 1952

9. Monthly List of Russian Accessions, Library of Congress, June 1952 \_\_\_\_\_ 1953, Uncl.

SAVKO, D.P., BRAMNIK, D.B., KHELEMSKIY, M.Z. FLEYSHMAN, L.YE.

Efficiency, Industrial

Utilization of intra-industry potentialities. *Sakh. prom.* 26 No. 6 (1952)

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

KHELEMSKIY, M.Z.

Rationalizing the storage of beets and their delivery for processing. Sakh.  
prom. 27 no.10:22-25 '53. (MIRA 6:11)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharney promyshlennosti.  
(Sugar industry)

PARSHIKOV, M. Ya.; MAKHINYA, M. M.; SILIN, P. M.; YAPASKURT, V. V.; YEPISHIN, A. S;  
SHAKIN, A. N.; ZHIDKOV, A. A.; KHELEMSKIY, M. Z.; KARTASHOV, A. K.; BENIN, G. S.  
LEPESHKIN, I. P.; KRASNYUK, G. M.; ZHVIKO, I. S.; ZELIKMAN, I. P.; KHEYZE, B. V.

Birthday of P. V. Golovin. Sakh. prom. 29 no. 5: 7 '55. (MLRA 8:11)  
(Golovin, Pavel Vasil'evich, 1880-)

YAPASKURT, V.V.; YEPISHIN, A.S.; SHAKIN, A.N.; SILIN, P.M.; ZHIDKOV, A.A.;  
KHELEMSKIY, M.Z.; SHEMYAKIN, P.N.; NOVIKOV, V.A.; POPOV, V.D.; BENIN,  
G.S.; MAYDENOV, A.K.; KURBATOVA, V.S.; KARTASHOV, A.K.; YARMOLINSKIY,  
A.K.; ZIBOROV, D.K.; VAYSMAN, M.L.; ZAMBROVSKIY, V.A.; SVYATENKO, M.M.

IULii Markovich Zhvirblianekii; obituary. Sakh.prom.29 no.6:48 '55.  
(Zhvirblianekii, IULii Markovich, 1894-1955) (MIRA 9:1)

KHELEMSKIY, M.Z., professor; SHEPELEV, I.A.

Mechanical ventilation of sugar beets in storage. Trudy TSINS  
no.4:3-24 '56. (MLRA 10:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut sakharney  
promyshlennosti (for Khelemskiy) 2. Vsesoyuznyy nauchno-  
issledovatel'skiy institut sanitarno-tehnicheskogo oborudovaniya  
(for Shepelev)  
(Sugar beets--Storage) (Ventilation)

KHELEMSKIY, M.Z.

Storing of mother beets. Sakh.pren.30 no.5:59-63 - 3x '56.  
(MIRA 9:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharney promyshlen-  
nosti.  
(Sugar beets)

KHELEMSKIY, M.Z.; SHCHYAKIN, P.N.; KRASHOKUTSKIY, B.I.

Storage of beets in high surface silos and beet processing.  
Sakh.prom. 30 no.8:5-9 Ag. '56. (MLRA 9:11)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharney promyshlennosti.  
(Sugar beets--Storage)

KHELEMSKIY, M.Z.; POYEDINOK, N.T.

Effect of radioactive irradiation on the conditions of sugar  
beets in storage. Sakh.prom.30 no.10:16-19 0 '56. (MIRA 10:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharnoy  
promyshlennosti.

(Sugar beets--Storage) (Radioactivity)

KHELEMSKIY, M.Z.

Mechanical ventilation for atmospheric control in beet storage.  
Sakh.prom. 30 no.12:17-22 D '56. (MLRA 10:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti.  
(Sugar beets--Storage)

KHELEMSKIY, M., prof.; KUDRYASHOV, N.

Storage of sugar beets under a layer of ice [with summary in English].  
Khol. tekhn. 35 no.4:62-65 II-Ag '58. (MIRA 11:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharney  
promyshlennosti (for Khelemskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy  
kholodil'noy promyshlennosti (for Kudryashov).  
(Sugar beets--Storage)

KHELEMSKIY, M.

TECHNOLOGY

periodicals: LISTY CUKROVARNICKE Vol. 74, no. 11, Nov. 1958

KHELEMSKII, M. Theoretical principles and the present technique of long-range sugar-beet protection in the USSR. Tr. from the Russian. p. 242.

Monthly List of East European Accession (EEAI) LC Vol. 8, no. 5  
May 1959, Unclass.

KHILMSKIY, M.Z.

New technology for the processing of molasses at the "veb  
gärungschemie Dessau" Combine in the German Democratic Republic;  
personal survey. Sakh. prom. 33 no.2:61-64 F '59.

(Germany, East--Molasses)

(MIRA 12:3)

KHELEMSKIY, M.Z. .

Berlin conference on the storage of sugar beets. Sakh. prom. 33  
no. 4:68-70 Ap '59. (MIRA 12:6)  
(Sugar beets--Storage)

KHELEMSKIY, M.Z.-----

Tenth anniversary of the German People's Republic. Sakh.pron.  
33 no.9:1-5 S '59. (MIRA 13:1)  
(Germany, East--Sugar industry)

KHELEMSKIY, M.Z.

Raise the standards of biochemical research in the sugar industry.  
Sakh. prom. 33 no.11:16-20 N '59 (MIRA 13:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharney promyshlennosti (TsINS).  
(Biochemistry) (Sugar research)

KHOLEMSKIY, M.Z.

Improvement of the storage of raw products as the main factor contributing to the reduction of sugar losses during the season of prolonged production. Sakh.prom. no.4:9-12 Ap '60.

(MIRA 13:8)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti.

(Sugar beets--Storage)

(Sugar industry)

KHELEMSKIY, M.2.

Storage of sugar beets abroad. Sakh.prom. 34 no.10:65-69 0 '60.  
(MIRA 13:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharney promy-  
shlennosti.

(Sugar beets--Storage)

KHELEMSKIY, M.Z.

Course of the development of the sugar industry in the eastern parts of the country. Sakh. prom. 35 no. 1:8-12 Ja '61.

(MIRA 14:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti.

(Sugar industry)

KHELEMSKIY, M.Z.

Development of the sugar industry in Kuban, and the first graduation  
in Krasnodar of engineers-technologists for the sugar industry.  
Sakh.prom.35 no.3:5-6 Mr '61. (MIRA 14:3)

1. Tsentral'nyy nauchno-issledovatel'skiy insitut ~~sakharnoy~~  
promyshlennosti.  
(Kuban—Sugar industry)  
(Krasnodar—Sugar industry—Study and teaching)

KLEYMAN, B.M.; KHELEMSKIY, M.Z.

Drying of beet leaves, lucerne, and other herbs at sugar factories.  
Sakh.prom. 35 no.6:3-6 Je '61. (MIRA 14:6)

1. Gosplan SSSR (for Kleyman).
2. Tsentral'nyy nauchno-issledovatel'skiy  
institut sakharnoy promyshlennosti (for Khelemskiy).  
(Herbs) (Sugar industry)

ZOTOV, V.P.; MAKHINYA, M.M.; PARSHIKOV, M.Ya.; GAVRILOV, A.N.; SILIN, P.M.;  
GOLOVIN, P.V.; KHEYZE, N.V.; BUZANOV, I.F.; ~~KHELEMSKIY, M.Z.~~;  
YAPASKURT, V.V.; SHARKO, A.P.; SANOV, N.M.; LITVAK, I.M.; IVANOV,  
S.Z.; LEPESHKIN, I.P.; KLEYMAN, B.M.; YEPISHIN, A.S.; GOLUB, S.I.;  
GERASIMOV, S.I.; GEUBE, V.R.; PASHKOVSKIY, F.M.; LITVINOV, Ye.V.;  
BENIN, G.S.; IVANOV, P.Ya.; VINOGRADOV, N.V.; PONOMARENKO, A.P.;  
ZHIDKOV, A.A.; KOVAL', Ye.T.; KARTASHOV, A.K.; NOVIKOV, V.A.

Sixtieth birthday of A.N.Shakin, Director of the Central  
Scientific Research Institute of the Sugar Industry. Sakh.  
prom. 35 no.7:33 JI '61.

(MIRA 14:7)

(Shakin, Anatolii Nikitovich, 1901-)  
(Sugar industry)

ZHADAN, V. Z.; KHELEMSKIY, M. Z.

Effect of the temperature of sugar beet storage on sugar losses  
due to respiration. Sakh. prom. 36 no.10:55-58 0 '62.  
(MIRA 15:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharney  
promyshlennosti.

(Sugar beets—Storage)

KHELEMSKIY, M.Z.; VOROB'YEVA, Ye.A.; PEL'TS, M.L.

Changes occurring in the composition of sugars during sugar  
beet storage. Trudy TSIMS no.7:3-18 '60. (MIRA 16:2)

1. Syr'yevaya laboratoriya-Tsentral'nogo nauchno-issledovatel'-  
skogo instituta sakharnoy promyshlennosti.  
(Sugar beets--Storage) (Sugars)

KHELEMSKIY, M.Z., prof.; ZHADAN, V.Z., kand. tekhn. nauk

Use of artificial air cooling in sugar beet storage. Khol.  
tekh. 39 no.5:19-21 S-0 '62. (MIRA 16:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharney  
promyshlennosti (for Khelemskiy). 2. Odesskiy tekhnologi-  
cheskiy institut pishchevoy i kholdil'noy promyshlennosti  
(for Zhadan).

(Sugar beets—Storage) (Air conditioning)

KHELEMSKIY, M.Z.; ZHADAN, V.Z.

Effect of the concentration of dry substances in the beet juice  
on its thermophysical characteristics. Sakh.prom. 37 no.6:23-27  
Je '63. (MIRA 16:5)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharnoy  
promyshlennosti (for Khelemskiy). 2. Odesskiy gosudarstvennyy  
universitet im. Mechnikova (for Zhadan).  
(Sugar manufacture)

ZHADAN, V.Z.; KHELEMSKIY, M.Z.

Thermophysical indices of sugar beets. Sakh. prom. 37 no.3:  
54-56 Mr '63. (MIRA 16:4)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy  
promyshlennosti (for Zhadan). 2. Tsentral'nyy nauchno-issledo-  
vatel'skiy institut sakharnoy promyshlennosti (for Khelemskiy).  
(Sugar beets--Thermal properties)

ZHADAN, V.Z.; KHELEMSKIY, M.Z.

Heat content of sugar beets and the amount of cold needed for their freezing. Sakh.prom. 38 no.1:20-21 Ja '64. (MIRA 17:2)

1. Odesskiy institut pishchevoy i kholodil'noy promyshlennosti (for Zhadan), 2. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti (for Khelemskiy).

ZHADAN, V.Z.; KHELEMSKIY, M.Z.

Experimental investigation of the rate of cooling of sugar beet roots. Sakh.prom. 37 no.11:21-24 N '63. (MIRA 16:11)

1. Odesk'iy tekhnologichesk'iy institut pishchevoy i kholodil'noy promyshlennosti (for Zhadan). 2. Tsentral'nyy nauchno-issledovatel'skiy institut sakhar'noy promyshlennosti (for Khelemskiy).

ZHADAN, V.Z.; KHELEMSKIY, M.Z.

Experimental determining of the quantity of the water freezing out  
from sugar beets and sugar beet juices. Sakh.prom. 37 no.9:26-30  
S '63. (MIRA 16:9)

1. Odesskiy tekhnologicheskii institut pishchevoy i kholodil'noy  
promyshlennosti (for Zhadan). 2 Tsentral'nyy nauchno-issledovatel'skiy  
institut sakharnoy promyshlennosti (for Khelemskiy).  
(Sugar beets- Storage)  
(Refrigeration and refrigerating machinery)

KHELEMSKIY, Mikhail Zakharovich, prof.; YEPISHIN, A.S., inzh.,  
retsenzent; PRITYKINA, L.A., red.

[Storage of sugar beets] Khranenie sakharnoi svekly. Mo-  
skva, Izd-vo "Pishchevaia promyshlennost'," 1964. 470 p.  
(MIRA 17:4)

HELEMSZKIJ, M.Z. [Khelemskiy, M.Z.], prof.; KORBONITS, Andras [translator].

Present state of research on sugar beet storage and its further tasks. Cukor 17 no.3:75-81 Mr '64.